

PATENT



Attorney Docket No. A-71259/DJB/VEJ  
Attorney Matter No. 461124-00022  
Application No. 10/030,331

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

**Jason JIANG**

Application No. 10/030,331

Filed: **October 28, 2001**

For: **SEARCH SYSTEM**

Art Unit: **2161**

Examiner: **Cindy Nguyen**

Docket No.: **A-71259/DJB/VEJ**

*Certificate of Mail (37 C.F.R. § 1.8(a))*

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*Lukas K. Szymanski*

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Sir:

This Supplemental Information Disclosure Statement is hereby submitted in accordance with 37 C.F.R. 1.98 and pursuant to Applicant's continuing duty under 37 C.F.R. 1.56 to bring any information which may be material to patentability of this application to the Examiner's attention. The Examiner's attention is directed to the reference(s) cited on the accompanying substitute for form PTO-1449A/PTO. Except for U.S. Patents and U.S. Patent Application Publications, *see* 37 C.F.R. § 1.98(a)(2)(i), copies of the cited references are enclosed, unless otherwise noted below. It is further understood that the Examiner will also consider information that was cited or submitted to the U.S. Patent and Trademark Office in a prior application relied on under 35 U.S.C. § 120. M.P.E.P. § 609 (I)(A)(2).

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Applicant makes no representation that a search has been conducted by the Applicant, or that there is not possibly more relevant art. Applicant also makes no representation that the information submitted herewith is in fact material to patentability. The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 11 O.G. 13-25, at 25.

This Information Disclosure Statement is being filed after the mailing date of a first Office action on the merits but before the mailing date of any of a final action, a notice of allowance, or an action that otherwise closes prosecution in the application. 37 C.F.R. § 1.97(c). Attached is our check in the amount of \$ 180.00 in payment of the fee under 37 C.F.R. § 1.17(p).

The Commissioner is hereby authorized to charge any underpayment of the following fees associated with this communication, including any necessary fees for extension of time, or credit any overpayment to Deposit Account No. 50-2319 (Matter No. 461124-00022; Docket No. A-71259/DJB/VEJ).

Respectfully submitted,

Date: 2/26/2006

By: 

Victor E. Johnson, Reg. No. 41,546

DORSEY & WHITNEY LLP  
555 California Street  
Suite 1000  
San Francisco, California 94104-1513  
Telephone: (415) 781-1989 Facsimile: (415) 398-3249



<b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/030,331
				Filing Date	October 28, 2001
				First Named Inventor	Jason JIANG
				Group Art Unit	2161
				Examiner Name	Cindy Nguyen
Sheet	1	of	2	Attorney Docket Number	A-71259/DJB/VEJ

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	U.S. Patent Document Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	B1	5,724,022	03-03-1998	Burrows	
	B2				
	B3				
	B4				
	B5				

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Foreign Patent Document Country Code <sup>2</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	B6					
	B7					
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	B10					

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
	B11	< <a href="http://www.cs.umbc.edu/ngram/">http://www.cs.umbc.edu/ngram/</a> >, list entitled "Research on N-Grams in Information Retrieval", September 1997.	
	B12	ALLAN, J. et al., "Recent Experiments in INQUERY", Proceedings of the Fourth TREC Retrieval Conference, NIST Special Publication 1995, 500-236, 49-63.	
	B13	COHEN, J.D., "Language and Domain Independent Automatic Indexing Terms for Abstracting", Journal of the American Society for Information Science, 1995, 46(3), 162-174.	
	B14	DEERWESTER, S., et al, "Indexing by Latent Semantic Analysis", Journal of the American Society for Information Science, 1990, 41(6):391-407.	
	B15	DOSZKOCS, T.E., "CITE NLM: Natural Language Searching in an Online Catalog", Information Technology and Libraries, December 1983, pp 364-380.	
	B16	GROSSMAN, D.A. et al., "Information Retrieval: Algorithms and Heuristics", 1-132, Kluwer Academic Publishers (1998).	
	B17	HARMAN, D., "Ranking Algorithms", Information Retrieval: Algorithms and Data Structures, Chapter 14, 363-392, W.B. Frakes and R. Baeza-Yates, Prentice Hall (1992).	

Examiner Signature	Date Considered
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Substitute for form 1449A/PTO  <b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
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NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>	
	B18	HEARST, M. et al., "Reexamining the Cluster Hypothesis: Scatter/Gather on Retrieval Results", Proceedings from the Nineteenth ACM SIGIR Conference on Information Retrieval, 1996, 79-84.		
	B19	KWOK, K.L., "A New Method of Weighting Query Terms for Ad-Hoc Retrieval", Proceedings of the 19th Annual International ACM SIGIR Conference on Research and Development in Information Retrieval, SIGIR '96, August 18-22, 1996, Zurich, Switzerland. (Special Issue of the SIGIR Forum) ACM 1996, ISBN 0-89791-792-8.		
	B20	LEWIS, M., "Enquire Within: Hints on constructing a free-text database", Practical Computing, 1985.		
	B21	RASMUSSEN E., "Clustering Algorithms", Information Retrieval: Algorithms and Data Structures, Chapter 16, 419-442, W.B. Franke and R. Baeza-Yates, Prentice Hall (1992).		
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	B23	SALTON, G. et al., "A Vector Space Model For Automatic Indexing," Communications of the ACM, 1975, 18, 11, 613-620.		
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	B25	SALTON, G., "Automatic Text Processing", Addison-Wesley, Reading, Massachusetts, 1989, with reference to: Chapter 8 entitled "Conventional Text-Retrieval Systems", Chapter 9 entitled "Automatic Indexing", Chapter 10 entitled "Advanced Information-Retrieval Models" and Chapter 11 entitled "Language Analysis and Understanding".		
	B26	STRZALKOWSKI, T. et al., "Natural Language Information Retrieval TREC-6 Report", Proceedings of the Sixth TREC Text Retrieval Conference, NIST Special Publication, 1997, 500-240, 347-366.		
	B27	STRZALKOWSKI, T. et al., "Natural language Information Retrieval TREC-5 Report", Proceedings of the Fifth TREC Retrieval Conference, NIST Special Publication, 1996, 500-238, 391-413.		
	B28	STRZALKOWSKI, T. et al., "Natural Language Information Retrieval TREC-4 Report", Proceedings of the Fourth TREC Retrieval Conference, NIST Special Publication, 1995, 500-236, 245-258.		
	B29	VAN RIJSBERGEN, C.J., "Information Retrieval", 10-47 and 74-85, Butterworths (1979).		
	B30	WITTEN, I.H. et al., "Managing Gigabytes: Compression and Indexing Documents and Images", 116-174, Van Nostrand Reinhold (1994).		

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